TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 480-93426-1
Client Project/Site: Katzman Recycling #558035

For:
New York State D.E.C.
1115 Route 86
PO BOX 296
Ray Brook, New York 12977

Attn: Kelly Duval

Joseph V. Giacomazza

Authorized for release by:
1/18/2016 4:28:33 PM
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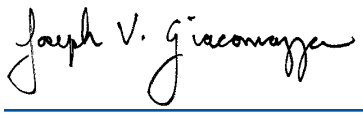
I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
1/18/2016 4:28:33 PM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-93426-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-93426-1

Receipt
The samples were received on 1/5/2016 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-282263 recovered above the upper control limit for Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: KTZ-TP6-3 (480-93426-1), KTZ-TP6-1 (480-93426-2), KTZ-TP1-4 (480-93426-3) and KTZ-TP1-1.5 (480-93426-6).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-282428 recovered outside acceptance criteria, low biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following sample is impacted: KTZ-TP7-2 (480-93426-5).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-282428 recovered above the upper control limit for Trichlorofluoromethane. The sample associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The following sample is impacted: KTZ-TP7-2 (480-93426-5).

Method(s) 8260C: The following sample was analyzed using medium level soil analysis to bring the concentration of target analytes within the calibration range: KTZ-TP7-2 (480-93426-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: KTZ-TP7-2 (480-93426-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-282584 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, 2-Hexanone, 2-Butanone (MEK) and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: KTZ-TP7-4 (480-93426-4).

Method(s) 8260C: The method blank for preparation batch 480-282590 and analytical batch 480-282584 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-analysis of samples was not performed. KTZ-TP7-4 (480-93426-4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows two of these surrogates to be outside acceptance criteria without performing re-extraction or re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: KTZ-TP6-3 (480-93426-1) and KTZ-TP6-1 (480-93426-2). These results have been reported and qualified.

Method(s) 8270D: The following sample required a dilution due to the nature of the sample matrix: KTZ-TP7-2 (480-93426-5). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270D: The laboratory control sample (LCS) for preparation batch 480-282280 and analytical batch 480-282625 recovered outside control limits for the following analytes: 3-nitroaniline and 4-chloroaniline. 3-nitroaniline and 4-chloroaniline have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction and re-analysis were not performed.

Method(s) 8270D: The following samples were diluted due to color and viscosity.: KTZ-TP7-2 (480-93426-5) and KTZ-TP1-1.5 (480-93426-6). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 480-93426-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

GC Semi VOA
Method(s) 8082A: The following sample was diluted to bring the concentration of target analytes within the calibration range: KTZ-TP7-2 (480-93426-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The following samples was diluted due to the presence of Total Aluminum which interferes with Total Lead and Selenium: KTZ-TP6-1 (480-93426-2) and KTZ-TP1-1.5 (480-93426-6). Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The following sample was diluted due to the presence of Total Copper which interferes with Total Lead: KTZ-TP7-2 (480-93426-5). Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The following samples was diluted due to the presence of Total Copper which interferes with Total Lead: KTZ-TP6-1 (480-93426-2) and KTZ-TP1-1.5 (480-93426-6). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3550C: Due to the matrix, the following sample could not be concentrated to the final method required volume: KTZ-TP7-2 (480-93426-5). The reporting limit (RL) are elevated proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: KTZ-TP6-3
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-1
Matrix: Solid
Percent Solids: 64.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	0.50	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,1,2-Trichloroethane	ND		6.9	0.90	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	1.6	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,1-Dichloroethane	ND		6.9	0.85	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,1-Dichloroethene	ND		6.9	0.85	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,2,4-Trichlorobenzene	ND		6.9	0.42	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,2-Dibromo-3-Chloropropane	ND		6.9	3.5	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,2-Dichlorobenzene	ND		6.9	0.54	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,2-Dichloroethane	ND		6.9	0.35	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,2-Dichloropropane	ND		6.9	3.5	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,3-Dichlorobenzene	ND		6.9	0.36	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,4-Dichlorobenzene	ND		6.9	0.97	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
2-Butanone (MEK)	ND		35	2.5	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
2-Hexanone	ND		35	3.5	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
4-Methyl-2-pentanone (MIBK)	ND		35	2.3	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Acetone	ND		35	5.8	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Benzene	ND		6.9	0.34	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Bromodichloromethane	ND		6.9	0.93	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Bromoform	ND		6.9	3.5	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Bromomethane	ND		6.9	0.62	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Carbon disulfide	ND		6.9	3.5	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Carbon tetrachloride	ND		6.9	0.67	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Chlorobenzene	ND		6.9	0.92	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Dibromochloromethane	ND		6.9	0.89	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Chloroethane	ND		6.9	1.6	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Chloroform	ND		6.9	0.43	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Chloromethane	ND		6.9	0.42	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
cis-1,2-Dichloroethene	ND		6.9	0.89	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
cis-1,3-Dichloropropene	ND		6.9	1.0	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Cyclohexane	ND		6.9	0.97	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Dichlorodifluoromethane	ND		6.9	0.57	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Ethylbenzene	ND		6.9	0.48	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
1,2-Dibromoethane	ND		6.9	0.89	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Isopropylbenzene	ND		6.9	1.0	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Methyl acetate	ND		6.9	4.2	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Methyl tert-butyl ether	ND		6.9	0.68	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Methylcyclohexane	ND		6.9	1.1	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Methylene Chloride	ND		6.9	3.2	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Styrene	ND		6.9	0.35	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Tetrachloroethene	ND		6.9	0.93	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Toluene	ND		6.9	0.52	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
trans-1,2-Dichloroethene	ND		6.9	0.72	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
trans-1,3-Dichloropropene	ND		6.9	3.1	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Trichloroethene	ND		6.9	1.5	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Trichlorofluoromethane	ND		6.9	0.66	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Vinyl chloride	ND		6.9	0.85	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1
Xylenes, Total	ND		14	1.2	ug/Kg	☼	01/05/16 10:00	01/05/16 14:40	1

Client Sample ID: KTZ-TP6-3

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-1

Matrix: Solid
Percent Solids: 64.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*71 - 125*	*01/05/16 10:00*	*01/05/16 14:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*01/05/16 10:00*	*01/05/16 14:40*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*	*01/05/16 10:00*	*01/05/16 14:40*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*01/05/16 10:00*	*01/05/16 14:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		260	71	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2,4,6-Trichlorophenol	ND		260	52	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2,4-Dichlorophenol	ND		260	28	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2,4-Dimethylphenol	ND		260	63	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2,4-Dinitrophenol	ND		2600	1200	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2,4-Dinitrotoluene	ND		260	54	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2,6-Dinitrotoluene	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2-Chloronaphthalene	ND		260	43	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2-Chlorophenol	ND		260	48	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2-Methylnaphthalene	ND		260	52	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2-Methylphenol	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2-Nitroaniline	ND		510	39	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
2-Nitrophenol	ND		260	74	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
3,3'-Dichlorobenzidine	ND		510	310	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
3-Nitroaniline	ND	*	510	73	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4,6-Dinitro-2-methylphenol	ND		510	260	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4-Bromophenyl phenyl ether	ND		260	37	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4-Chloro-3-methylphenol	ND		260	65	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4-Chloroaniline	ND	*	260	65	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4-Chlorophenyl phenyl ether	ND		260	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4-Methylphenol	ND		510	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4-Nitroaniline	ND		510	140	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
4-Nitrophenol	ND		510	180	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Acenaphthene	ND		260	39	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Acenaphthylene	ND		260	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Acetophenone	ND		260	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Anthracene	ND		260	65	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Atrazine	ND		260	91	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Benzaldehyde	ND		260	210	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Benzo[a]anthracene	ND		260	26	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Benzo[a]pyrene	ND		260	39	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Benzo[b]fluoranthene	ND		260	42	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Benzo[g,h,i]perylene	ND		260	28	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Benzo[k]fluoranthene	ND		260	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Biphenyl	ND		260	39	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
bis (2-chloroisopropyl) ether	ND		260	52	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Bis(2-chloroethoxy)methane	ND		260	56	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Bis(2-chloroethyl)ether	ND		260	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Bis(2-ethylhexyl) phthalate	ND		260	89	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Butyl benzyl phthalate	ND		260	43	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Caprolactam	ND		260	79	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Carbazole	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Chrysene	ND		260	59	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1

Client Sample ID: KTZ-TP6-3

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-1

Matrix: Solid
Percent Solids: 64.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		260	46	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Dibenzofuran	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Diethyl phthalate	ND		260	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Dimethyl phthalate	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Di-n-butyl phthalate	ND		260	45	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Di-n-octyl phthalate	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Fluoranthene	ND		260	28	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Fluorene	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Hexachlorobenzene	ND		260	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Hexachlorobutadiene	ND		260	39	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Hexachlorocyclopentadiene	ND		260	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Hexachloroethane	ND		260	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Indeno[1,2,3-cd]pyrene	ND		260	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Isophorone	ND		260	56	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Naphthalene	ND		260	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Nitrobenzene	ND		260	29	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
N-Nitrosodi-n-propylamine	ND		260	45	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
N-Nitrosodiphenylamine	ND		260	210	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Pentachlorophenol	ND		510	260	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Phenanthrene	ND		260	39	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Phenol	ND		260	40	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1
Pyrene	ND		260	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*39 - 146*	*01/05/16 10:47*	*01/07/16 15:09*	*1*
2-Fluorobiphenyl	*60*		*37 - 120*	*01/05/16 10:47*	*01/07/16 15:09*	*1*
2-Fluorophenol (Surr)	*55*		*18 - 120*	*01/05/16 10:47*	*01/07/16 15:09*	*1*
Nitrobenzene-d5 (Surr)	*54*		*34 - 132*	*01/05/16 10:47*	*01/07/16 15:09*	*1*
Phenol-d5 (Surr)	*58*		*11 - 120*	*01/05/16 10:47*	*01/07/16 15:09*	*1*
p-Terphenyl-d14 (Surr)	*64*	*X*	*65 - 153*	*01/05/16 10:47*	*01/07/16 15:09*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.29	0.056	mg/Kg	☼	01/05/16 10:50	01/06/16 16:29	1
PCB-1221	ND		0.29	0.056	mg/Kg	☼	01/05/16 10:50	01/06/16 16:29	1
PCB-1232	ND		0.29	0.056	mg/Kg	☼	01/05/16 10:50	01/06/16 16:29	1
PCB-1242	ND		0.29	0.056	mg/Kg	☼	01/05/16 10:50	01/06/16 16:29	1
PCB-1248	ND		0.29	0.056	mg/Kg	☼	01/05/16 10:50	01/06/16 16:29	1
PCB-1254	ND		0.29	0.13	mg/Kg	☼	01/05/16 10:50	01/06/16 16:29	1
PCB-1260	**0.17**	**J**	0.29	0.13	mg/Kg	☼	01/05/16 10:50	01/06/16 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*01/05/16 10:50*	*01/06/16 16:29*	*1*
DCB Decachlorobiphenyl	*102*		*65 - 174*	*01/05/16 10:50*	*01/06/16 16:29*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.8**		3.1	0.62	mg/Kg	☼	01/06/16 16:44	01/07/16 11:17	1
Barium	**122**	**F1**	0.77	0.17	mg/Kg	☼	01/06/16 16:44	01/07/16 11:17	1
Cadmium	**0.35**		0.31	0.046	mg/Kg	☼	01/06/16 16:44	01/07/16 11:17	1

Client Sample ID: KTZ-TP6-3

Lab Sample ID: 480-93426-1
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 64.4

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	28.6		0.77	0.31	mg/Kg	☼	01/06/16 16:44	01/07/16 11:17	1
Lead	71.2	F1	1.5	0.37	mg/Kg	☼	01/06/16 16:44	01/07/16 11:17	1
Selenium	1.9	J	6.2	0.62	mg/Kg	☼	01/06/16 16:44	01/07/16 11:17	1
Silver	ND		0.93	0.31	mg/Kg	☼	01/06/16 16:44	01/07/16 11:17	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.031	0.012	mg/Kg	☼	01/07/16 09:55	01/07/16 15:15	1

Client Sample ID: KTZ-TP6-1

Lab Sample ID: 480-93426-2
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 62.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	0.74	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,1,2,2-Tetrachloroethane	ND		10	1.7	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,1,2-Trichloroethane	ND		10	1.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,1-Dichloroethane	ND		10	1.2	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,1-Dichloroethene	ND		10	1.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,2,4-Trichlorobenzene	ND		10	0.62	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,2-Dibromo-3-Chloropropane	ND		10	5.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,2-Dichlorobenzene	ND		10	0.80	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,2-Dichloroethane	ND		10	0.51	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,2-Dichloropropane	ND		10	5.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,3-Dichlorobenzene	ND		10	0.53	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,4-Dichlorobenzene	ND		10	1.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
2-Butanone (MEK)	ND		51	3.7	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
2-Hexanone	ND		51	5.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
4-Methyl-2-pentanone (MIBK)	ND		51	3.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Acetone	ND		51	8.6	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Benzene	ND		10	0.50	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Bromodichloromethane	ND		10	1.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Bromoform	ND		10	5.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Bromomethane	ND		10	0.92	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Carbon disulfide	ND		10	5.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Carbon tetrachloride	ND		10	0.99	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Chlorobenzene	ND		10	1.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Dibromochloromethane	ND		10	1.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Chloroethane	ND		10	2.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Chloroform	ND		10	0.63	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Chloromethane	ND		10	0.62	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
cis-1,2-Dichloroethene	ND		10	1.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
cis-1,3-Dichloropropene	ND		10	1.5	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Cyclohexane	ND		10	1.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Dichlorodifluoromethane	ND		10	0.84	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Ethylbenzene	ND		10	0.71	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
1,2-Dibromoethane	ND		10	1.3	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Isopropylbenzene	ND		10	1.5	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1

Client Sample ID: KTZ-TP6-1

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-2

Matrix: Solid
Percent Solids: 62.0

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		10	6.2	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Methyl tert-butyl ether	ND		10	1.0	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Methylcyclohexane	ND		10	1.6	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Methylene Chloride	ND		10	4.7	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Styrene	ND		10	0.51	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Tetrachloroethene	ND		10	1.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Toluene	ND		10	0.77	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
trans-1,2-Dichloroethene	ND		10	1.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
trans-1,3-Dichloropropene	ND		10	4.5	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Trichloroethene	ND		10	2.2	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Trichlorofluoromethane	ND		10	0.97	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Vinyl chloride	ND		10	1.2	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1
Xylenes, Total	ND		20	1.7	ug/Kg	☼	01/05/16 10:00	01/05/16 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 125*	*01/05/16 10:00*	*01/05/16 15:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*01/05/16 10:00*	*01/05/16 15:05*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*01/05/16 10:00*	*01/05/16 15:05*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*01/05/16 10:00*	*01/05/16 15:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		270	74	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2,4,6-Trichlorophenol	ND		270	55	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2,4-Dichlorophenol	ND		270	29	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2,4-Dimethylphenol	ND		270	66	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2,4-Dinitrophenol	ND		2700	1300	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2,4-Dinitrotoluene	ND		270	56	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2,6-Dinitrotoluene	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2-Chloronaphthalene	ND		270	45	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2-Chlorophenol	ND		270	50	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2-Methylnaphthalene	ND		270	55	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2-Methylphenol	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2-Nitroaniline	ND		530	40	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
2-Nitrophenol	ND		270	77	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
3,3'-Dichlorobenzidine	ND		530	320	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
3-Nitroaniline	ND	*	530	75	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4,6-Dinitro-2-methylphenol	ND		530	270	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4-Bromophenyl phenyl ether	ND		270	39	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4-Chloro-3-methylphenol	ND		270	67	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4-Chloroaniline	ND	*	270	67	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4-Chlorophenyl phenyl ether	ND		270	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4-Methylphenol	ND		530	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4-Nitroaniline	ND		530	140	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
4-Nitrophenol	ND		530	190	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Acenaphthene	ND		270	40	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Acenaphthylene	ND		270	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Acetophenone	ND		270	37	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Anthracene	ND		270	67	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Atrazine	ND		270	95	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1

Client Sample ID: KTZ-TP6-1
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-2
Matrix: Solid
Percent Solids: 62.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		270	220	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Benzo[a]anthracene	ND		270	27	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Benzo[a]pyrene	**140**	**J**	270	40	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Benzo[b]fluoranthene	**140**	**J**	270	43	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Benzo[g,h,i]perylene	**160**	**J**	270	29	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Benzo[k]fluoranthene	ND		270	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Biphenyl	ND		270	40	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
bis (2-chloroisopropyl) ether	ND		270	55	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Bis(2-chloroethoxy)methane	ND		270	58	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Bis(2-chloroethyl)ether	ND		270	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Bis(2-ethylhexyl) phthalate	**210**	**J**	270	93	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Butyl benzyl phthalate	ND		270	45	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Caprolactam	ND		270	82	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Carbazole	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Chrysene	ND		270	61	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Dibenz(a,h)anthracene	ND		270	48	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Dibenzofuran	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Diethyl phthalate	ND		270	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Dimethyl phthalate	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Di-n-butyl phthalate	ND		270	47	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Di-n-octyl phthalate	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Fluoranthene	ND		270	29	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Fluorene	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Hexachlorobenzene	ND		270	37	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Hexachlorobutadiene	ND		270	40	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Hexachlorocyclopentadiene	ND		270	37	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Hexachloroethane	ND		270	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Indeno[1,2,3-cd]pyrene	**200**	**J**	270	34	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Isophorone	ND		270	58	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Naphthalene	ND		270	35	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Nitrobenzene	ND		270	31	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
N-Nitrosodi-n-propylamine	ND		270	47	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
N-Nitrosodiphenylamine	ND		270	220	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Pentachlorophenol	ND		530	270	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Phenanthrene	ND		270	40	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Phenol	ND		270	42	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1
Pyrene	ND		270	32	ug/Kg	☼	01/05/16 10:47	01/07/16 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*39 - 146*	*01/05/16 10:47*	*01/07/16 15:35*	*1*
2-Fluorobiphenyl	*56*		*37 - 120*	*01/05/16 10:47*	*01/07/16 15:35*	*1*
2-Fluorophenol (Surr)	*48*		*18 - 120*	*01/05/16 10:47*	*01/07/16 15:35*	*1*
Nitrobenzene-d5 (Surr)	*45*		*34 - 132*	*01/05/16 10:47*	*01/07/16 15:35*	*1*
Phenol-d5 (Surr)	*51*		*11 - 120*	*01/05/16 10:47*	*01/07/16 15:35*	*1*
p-Terphenyl-d14 (Surr)	*60*	*X*	*65 - 153*	*01/05/16 10:47*	*01/07/16 15:35*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.33	0.065	mg/Kg	☼	01/05/16 10:50	01/06/16 16:47	1
PCB-1221	ND		0.33	0.065	mg/Kg	☼	01/05/16 10:50	01/06/16 16:47	1

Client Sample ID: KTZ-TP6-1

Lab Sample ID: 480-93426-2
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 62.0

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.33	0.065	mg/Kg	☼	01/05/16 10:50	01/06/16 16:47	1
PCB-1242	ND		0.33	0.065	mg/Kg	☼	01/05/16 10:50	01/06/16 16:47	1
PCB-1248	ND		0.33	0.065	mg/Kg	☼	01/05/16 10:50	01/06/16 16:47	1
PCB-1254	ND		0.33	0.16	mg/Kg	☼	01/05/16 10:50	01/06/16 16:47	1
PCB-1260	**0.31**	**J**	0.33	0.16	mg/Kg	☼	01/05/16 10:50	01/06/16 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*60 - 154*	*01/05/16 10:50*	*01/06/16 16:47*	*1*
DCB Decachlorobiphenyl	*89*		*65 - 174*	*01/05/16 10:50*	*01/06/16 16:47*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.1**	**J**	3.2	0.63	mg/Kg	☼	01/06/16 16:44	01/07/16 11:42	1
Barium	**194**		0.79	0.17	mg/Kg	☼	01/06/16 16:44	01/07/16 11:42	1
Cadmium	**46.0**		0.32	0.047	mg/Kg	☼	01/06/16 16:44	01/07/16 11:42	1
Chromium	**308**		0.79	0.32	mg/Kg	☼	01/06/16 16:44	01/07/16 11:42	1
Lead	**1650**		7.9	1.9	mg/Kg	☼	01/06/16 16:44	01/08/16 14:32	5
Selenium	ND		31.5	3.2	mg/Kg	☼	01/06/16 16:44	01/08/16 14:32	5
Silver	**8.2**		0.95	0.32	mg/Kg	☼	01/06/16 16:44	01/07/16 11:42	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.053**	**F1**	0.032	0.013	mg/Kg	☼	01/07/16 09:55	01/07/16 15:18	1

Client Sample ID: KTZ-TP1-4

Lab Sample ID: 480-93426-3
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 81.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.7	0.34	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.77	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,1,2-Trichloroethane	ND		4.7	0.61	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7	1.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,1-Dichloroethane	ND		4.7	0.58	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,1-Dichloroethene	ND		4.7	0.58	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,2,4-Trichlorobenzene	ND		4.7	0.29	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,2-Dibromo-3-Chloropropane	ND		4.7	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,2-Dichlorobenzene	ND		4.7	0.37	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,2-Dichloroethane	ND		4.7	0.24	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,2-Dichloropropane	ND		4.7	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,3-Dichlorobenzene	ND		4.7	0.24	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,4-Dichlorobenzene	ND		4.7	0.66	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
2-Butanone (MEK)	ND		24	1.7	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
2-Hexanone	ND		24	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		24	1.6	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Acetone	**4.6**	**J**	24	4.0	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Benzene	ND		4.7	0.23	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Bromodichloromethane	ND		4.7	0.63	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Bromoform	ND		4.7	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1

Client Sample ID: KTZ-TP1-4
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-3
Matrix: Solid
Percent Solids: 81.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		4.7	0.43	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Carbon disulfide	ND		4.7	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Carbon tetrachloride	ND		4.7	0.46	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Chlorobenzene	ND		4.7	0.62	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Dibromochloromethane	ND		4.7	0.61	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Chloroethane	ND		4.7	1.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Chloroform	ND		4.7	0.29	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Chloromethane	ND		4.7	0.29	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
cis-1,2-Dichloroethene	ND		4.7	0.61	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
cis-1,3-Dichloropropene	ND		4.7	0.68	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Cyclohexane	ND		4.7	0.66	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Dichlorodifluoromethane	ND		4.7	0.39	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Ethylbenzene	ND		4.7	0.33	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
1,2-Dibromoethane	ND		4.7	0.61	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Isopropylbenzene	ND		4.7	0.71	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Methyl acetate	ND		4.7	2.9	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Methyl tert-butyl ether	ND		4.7	0.46	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Methylcyclohexane	ND		4.7	0.72	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Methylene Chloride	ND		4.7	2.2	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Styrene	ND		4.7	0.24	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Tetrachloroethene	ND		4.7	0.63	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Toluene	ND		4.7	0.36	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
trans-1,2-Dichloroethene	ND		4.7	0.49	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
trans-1,3-Dichloropropene	ND		4.7	2.1	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Trichloroethene	ND		4.7	1.0	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Trichlorofluoromethane	ND		4.7	0.45	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Vinyl chloride	ND		4.7	0.58	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1
Xylenes, Total	ND		9.5	0.79	ug/Kg	☼	01/05/16 10:00	01/05/16 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*71 - 125*	*01/05/16 10:00*	*01/05/16 15:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*01/05/16 10:00*	*01/05/16 15:31*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*01/05/16 10:00*	*01/05/16 15:31*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*01/05/16 10:00*	*01/05/16 15:31*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		210	57	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2,4,6-Trichlorophenol	ND		210	42	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2,4-Dinitrophenol	ND		2000	960	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2,6-Dinitrotoluene	ND		210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2-Chloronaphthalene	ND		210	34	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2-Chlorophenol	ND		210	38	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2-Methylnaphthalene	ND		210	42	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2-Methylphenol	ND		210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2-Nitroaniline	ND		410	31	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
2-Nitrophenol	ND		210	59	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1

Client Sample ID: KTZ-TP1-4
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-3
Matrix: Solid
Percent Solids: 81.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		410	250	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
3-Nitroaniline	ND	*	410	58	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4,6-Dinitro-2-methylphenol	ND		410	210	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4-Bromophenyl phenyl ether	ND		210	30	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4-Chloro-3-methylphenol	ND		210	52	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4-Chloroaniline	ND	*	210	52	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4-Methylphenol	ND		410	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4-Nitroaniline	ND		410	110	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
4-Nitrophenol	ND		410	150	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Acenaphthene	ND		210	31	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Acenaphthylene	ND		210	27	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Acetophenone	ND		210	28	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Anthracene	ND		210	52	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Atrazine	ND		210	73	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Benzaldehyde	ND		210	170	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Benzo[a]anthracene	ND		210	21	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Benzo[a]pyrene	**100**	**J**	210	31	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Benzo[b]fluoranthene	**100**	**J**	210	33	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Benzo[g,h,i]perylene	ND		210	22	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Benzo[k]fluoranthene	ND		210	27	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Biphenyl	ND		210	31	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
bis (2-chloroisopropyl) ether	ND		210	42	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Bis(2-ethylhexyl) phthalate	ND		210	71	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Butyl benzyl phthalate	ND		210	34	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Caprolactam	ND		210	63	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Carbazole	ND		210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Chrysene	ND		210	47	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Dibenzofuran	ND		210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Diethyl phthalate	ND		210	27	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Dimethyl phthalate	ND		210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Di-n-butyl phthalate	ND		210	36	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Di-n-octyl phthalate	ND		210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Fluoranthene	ND		210	22	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Fluorene	ND		210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Hexachloroethane	ND		210	27	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Indeno[1,2,3-cd]pyrene	ND		210	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Isophorone	ND		210	44	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Naphthalene	ND		210	27	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Nitrobenzene	ND		210	23	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
N-Nitrosodi-n-propylamine	ND		210	36	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Pentachlorophenol	ND		410	210	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1

Client Sample ID: KTZ-TP1-4

Lab Sample ID: 480-93426-3
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 81.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		210	31	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Phenol	ND		210	32	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1
Pyrene	**30**	**J**	210	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*39 - 146*	*01/05/16 10:47*	*01/07/16 16:01*	*1*
2-Fluorobiphenyl	*59*		*37 - 120*	*01/05/16 10:47*	*01/07/16 16:01*	*1*
2-Fluorophenol (Surr)	*53*		*18 - 120*	*01/05/16 10:47*	*01/07/16 16:01*	*1*
Nitrobenzene-d5 (Surr)	*50*		*34 - 132*	*01/05/16 10:47*	*01/07/16 16:01*	*1*
Phenol-d5 (Surr)	*55*		*11 - 120*	*01/05/16 10:47*	*01/07/16 16:01*	*1*
p-Terphenyl-d14 (Surr)	*67*		*65 - 153*	*01/05/16 10:47*	*01/07/16 16:01*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.31	0.060	mg/Kg	☼	01/05/16 10:50	01/06/16 17:05	1
PCB-1221	ND		0.31	0.060	mg/Kg	☼	01/05/16 10:50	01/06/16 17:05	1
PCB-1232	ND		0.31	0.060	mg/Kg	☼	01/05/16 10:50	01/06/16 17:05	1
PCB-1242	ND		0.31	0.060	mg/Kg	☼	01/05/16 10:50	01/06/16 17:05	1
PCB-1248	**0.36**		0.31	0.060	mg/Kg	☼	01/05/16 10:50	01/06/16 17:05	1
PCB-1254	ND		0.31	0.14	mg/Kg	☼	01/05/16 10:50	01/06/16 17:05	1
PCB-1260	ND		0.31	0.14	mg/Kg	☼	01/05/16 10:50	01/06/16 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*60 - 154*	*01/05/16 10:50*	*01/06/16 17:05*	*1*
DCB Decachlorobiphenyl	*121*		*65 - 174*	*01/05/16 10:50*	*01/06/16 17:05*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10.1**		2.5	0.49	mg/Kg	☼	01/06/16 16:44	01/07/16 11:46	1
Barium	**76.4**		0.61	0.14	mg/Kg	☼	01/06/16 16:44	01/07/16 11:46	1
Cadmium	**0.30**		0.25	0.037	mg/Kg	☼	01/06/16 16:44	01/07/16 11:46	1
Chromium	**16.4**		0.61	0.25	mg/Kg	☼	01/06/16 16:44	01/07/16 11:46	1
Lead	**18.1**		1.2	0.29	mg/Kg	☼	01/06/16 16:44	01/07/16 11:46	1
Selenium	ND		4.9	0.49	mg/Kg	☼	01/06/16 16:44	01/07/16 11:46	1
Silver	ND		0.74	0.25	mg/Kg	☼	01/06/16 16:44	01/07/16 11:46	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.018**	**J**	0.023	0.0094	mg/Kg	☼	01/07/16 09:55	01/07/16 15:25	1

Client Sample ID: KTZ-TP7-4

Lab Sample ID: 480-93426-4
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 81.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.33	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.73	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,1,2-Trichloroethane	ND		4.5	0.59	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.0	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1

Client Sample ID: KTZ-TP7-4
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-4
Matrix: Solid
Percent Solids: 81.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		4.5	0.55	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,2,4-Trichlorobenzene	ND		4.5	0.27	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,2-Dibromo-3-Chloropropane	ND		4.5	2.3	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,2-Dichloroethane	ND		4.5	0.23	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,2-Dichloropropane	ND		4.5	2.3	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
2-Butanone (MEK)	ND		23	1.6	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Acetone	**97**		23	3.8	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Benzene	**1.3**	**J**	4.5	0.22	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Bromodichloromethane	ND		4.5	0.60	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Bromoform	ND		4.5	2.3	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Bromomethane	ND		4.5	0.41	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Carbon disulfide	ND		4.5	2.3	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Carbon tetrachloride	ND		4.5	0.44	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Chlorobenzene	ND		4.5	0.59	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Dibromochloromethane	ND		4.5	0.58	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Chloroethane	ND		4.5	1.0	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Chloroform	ND		4.5	0.28	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Chloromethane	ND		4.5	0.27	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
cis-1,2-Dichloroethene	ND		4.5	0.58	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
cis-1,3-Dichloropropene	ND		4.5	0.65	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Cyclohexane	ND		4.5	0.63	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Dichlorodifluoromethane	ND		4.5	0.37	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
1,2-Dibromoethane	ND		4.5	0.58	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Isopropylbenzene	ND		4.5	0.68	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Methyl acetate	ND		4.5	2.7	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Methyl tert-butyl ether	**1.0**	**J**	4.5	0.44	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Methylcyclohexane	ND		4.5	0.69	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Methylene Chloride	**3.9**	**J**	4.5	2.1	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Styrene	ND		4.5	0.23	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Tetrachloroethene	ND		4.5	0.60	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Toluene	ND		4.5	0.34	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
trans-1,2-Dichloroethene	ND		4.5	0.47	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
trans-1,3-Dichloropropene	ND		4.5	2.0	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Trichloroethene	ND		4.5	0.99	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Trichlorofluoromethane	ND		4.5	0.43	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1
Xylenes, Total	ND		9.0	0.76	ug/Kg	☼	01/05/16 10:00	01/07/16 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*71 - 125*	*01/05/16 10:00*	*01/07/16 13:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*01/05/16 10:00*	*01/07/16 13:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*01/05/16 10:00*	*01/07/16 13:24*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*01/05/16 10:00*	*01/07/16 13:24*	*1*

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Client Sample ID: KTZ-TP7-4
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-4
Matrix: Solid
Percent Solids: 81.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		200	55	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2,4,6-Trichlorophenol	ND		200	41	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2,4-Dichlorophenol	ND		200	22	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2,4-Dinitrophenol	ND		2000	940	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2,4-Dinitrotoluene	ND		200	42	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2-Chloronaphthalene	ND		200	34	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2-Chlorophenol	ND		200	37	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2-Methylnaphthalene	ND		200	41	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2-Methylphenol	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
2-Nitrophenol	ND		200	57	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
3,3'-Dichlorobenzidine	ND		390	240	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
3-Nitroaniline	ND	*	390	56	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4-Bromophenyl phenyl ether	ND		200	29	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4-Chloroaniline	ND	*	200	50	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4-Methylphenol	ND		390	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4-Nitroaniline	ND		390	110	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
4-Nitrophenol	ND		390	140	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Acenaphthene	ND		200	30	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Acenaphthylene	ND		200	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Acetophenone	ND		200	28	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Anthracene	ND		200	50	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Atrazine	ND		200	71	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Benzaldehyde	ND		200	160	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Benzo[a]pyrene	ND		200	30	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Benzo[b]fluoranthene	ND		200	32	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Benzo[g,h,i]perylene	ND		200	22	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Biphenyl	ND		200	30	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Bis(2-ethylhexyl) phthalate	ND		200	69	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Butyl benzyl phthalate	ND		200	34	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Caprolactam	ND		200	61	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Carbazole	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Chrysene	ND		200	45	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Dibenzofuran	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Di-n-butyl phthalate	ND		200	35	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1

Client Sample ID: KTZ-TP7-4

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-4

Matrix: Solid
Percent Solids: 81.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		200	22	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Fluorene	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Hexachlorobenzene	ND		200	28	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Hexachlorocyclopentadiene	ND		200	28	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Hexachloroethane	ND		200	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Isophorone	ND		200	43	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Naphthalene	ND		200	26	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Nitrobenzene	ND		200	23	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
N-Nitrosodi-n-propylamine	ND		200	35	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
N-Nitrosodiphenylamine	ND		200	170	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Phenanthrene	ND		200	30	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Phenol	ND		200	31	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1
Pyrene	ND		200	24	ug/Kg	☼	01/05/16 10:47	01/07/16 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*39 - 146*	*01/05/16 10:47*	*01/07/16 16:28*	*1*
2-Fluorobiphenyl	*60*		*37 - 120*	*01/05/16 10:47*	*01/07/16 16:28*	*1*
2-Fluorophenol (Surr)	*55*		*18 - 120*	*01/05/16 10:47*	*01/07/16 16:28*	*1*
Nitrobenzene-d5 (Surr)	*53*		*34 - 132*	*01/05/16 10:47*	*01/07/16 16:28*	*1*
Phenol-d5 (Surr)	*55*		*11 - 120*	*01/05/16 10:47*	*01/07/16 16:28*	*1*
p-Terphenyl-d14 (Surr)	*67*		*65 - 153*	*01/05/16 10:47*	*01/07/16 16:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	01/05/16 10:50	01/06/16 17:23	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	01/05/16 10:50	01/06/16 17:23	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	01/05/16 10:50	01/06/16 17:23	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	01/05/16 10:50	01/06/16 17:23	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	01/05/16 10:50	01/06/16 17:23	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	01/05/16 10:50	01/06/16 17:23	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	01/05/16 10:50	01/06/16 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*107*		*60 - 154*	*01/05/16 10:50*	*01/06/16 17:23*	*1*
DCB Decachlorobiphenyl	*128*		*65 - 174*	*01/05/16 10:50*	*01/06/16 17:23*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.5**		2.4	0.48	mg/Kg	☼	01/06/16 16:44	01/07/16 11:49	1
Barium	**86.2**		0.60	0.13	mg/Kg	☼	01/06/16 16:44	01/07/16 11:49	1
Cadmium	**0.087**	**J**	0.24	0.036	mg/Kg	☼	01/06/16 16:44	01/07/16 11:49	1
Chromium	**20.3**		0.60	0.24	mg/Kg	☼	01/06/16 16:44	01/07/16 11:49	1
Lead	**13.2**		1.2	0.29	mg/Kg	☼	01/06/16 16:44	01/07/16 11:49	1
Selenium	**0.63**	**J**	4.8	0.48	mg/Kg	☼	01/06/16 16:44	01/07/16 11:49	1
Silver	ND		0.71	0.24	mg/Kg	☼	01/06/16 16:44	01/07/16 11:49	1

Client Sample ID: KTZ-TP7-4

Lab Sample ID: 480-93426-4
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 81.8

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.021**	**J**	0.025	0.010	mg/Kg	☼	01/07/16 09:55	01/07/16 15:27	1

Client Sample ID: KTZ-TP7-2

Lab Sample ID: 480-93426-5
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 91.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		55	15	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,1,2,2-Tetrachloroethane	ND		55	8.9	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		55	27	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,1,2-Trichloroethane	ND		55	12	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,1-Dichloroethane	ND		55	17	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,1-Dichloroethene	ND		55	19	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,2,4-Trichlorobenzene	ND		55	21	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,2-Dibromo-3-Chloropropane	ND		55	27	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,2-Dibromoethane	ND		55	9.6	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,2-Dichlorobenzene	ND		55	14	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,2-Dichloroethane	ND		55	22	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,2-Dichloropropane	ND		55	8.9	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,3-Dichlorobenzene	ND		55	15	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
1,4-Dichlorobenzene	ND		55	7.7	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
2-Butanone (MEK)	ND		270	160	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
2-Hexanone	ND		270	110	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
4-Methyl-2-pentanone (MIBK)	ND		270	18	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Acetone	**380**		270	230	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Benzene	**500**		55	10	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Bromodichloromethane	ND		55	11	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Bromoform	ND		55	27	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Bromomethane	ND		55	12	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Carbon disulfide	ND		55	25	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Carbon tetrachloride	ND		55	14	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Chlorobenzene	ND		55	7.2	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Chloroethane	ND		55	11	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Chloroform	ND		55	38	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Chloromethane	ND		55	13	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
cis-1,2-Dichloroethene	ND		55	15	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
cis-1,3-Dichloropropene	ND		55	13	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Cyclohexane	ND		55	12	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Dibromochloromethane	ND		55	27	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Dichlorodifluoromethane	ND		55	24	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Ethylbenzene	**3600**		55	16	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Isopropylbenzene	**540**		55	8.2	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Methyl acetate	ND		55	26	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Methyl tert-butyl ether	ND		55	21	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Methylcyclohexane	**900**		55	26	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Methylene Chloride	**75**		55	11	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Styrene	ND		55	13	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Tetrachloroethene	ND		55	7.4	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Toluene	**210**		55	15	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1

Client Sample ID: KTZ-TP7-2

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-5

Matrix: Solid
Percent Solids: 91.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		55	13	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
trans-1,3-Dichloropropene	ND		55	5.4	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Trichloroethene	ND		55	15	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Trichlorofluoromethane	ND		55	26	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1
Vinyl chloride	ND		55	18	ug/Kg	☼	01/05/16 10:00	01/06/16 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*53 - 146*	*01/05/16 10:00*	*01/06/16 16:10*	*1*
4-Bromofluorobenzene (Surr)	*97*		*49 - 148*	*01/05/16 10:00*	*01/06/16 16:10*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*01/05/16 10:00*	*01/06/16 16:10*	*1*
Toluene-d8 (Surr)	*102*		*50 - 149*	*01/05/16 10:00*	*01/06/16 16:10*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**23000**		550	150	ug/Kg	☼	01/05/16 10:00	01/06/16 18:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*53 - 146*	*01/05/16 10:00*	*01/06/16 18:52*	*5*
4-Bromofluorobenzene (Surr)	*94*		*49 - 148*	*01/05/16 10:00*	*01/06/16 18:52*	*5*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*01/05/16 10:00*	*01/06/16 18:52*	*5*
Toluene-d8 (Surr)	*100*		*50 - 149*	*01/05/16 10:00*	*01/06/16 18:52*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		26000	7000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2,4,6-Trichlorophenol	ND		26000	5200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2,4-Dichlorophenol	ND		26000	2700	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2,4-Dimethylphenol	ND		26000	6200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2,4-Dinitrophenol	ND		250000	120000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2,4-Dinitrotoluene	ND		26000	5300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2,6-Dinitrotoluene	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2-Chloronaphthalene	ND		26000	4300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2-Chlorophenol	ND		26000	4700	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2-Methylnaphthalene	**6700**	**J**	26000	5200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2-Methylphenol	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2-Nitroaniline	ND		50000	3800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
2-Nitrophenol	ND		26000	7300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
3,3'-Dichlorobenzidine	ND		50000	30000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
3-Nitroaniline	ND	*	50000	7100	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4,6-Dinitro-2-methylphenol	ND		50000	26000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4-Bromophenyl phenyl ether	ND		26000	3600	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4-Chloro-3-methylphenol	ND		26000	6400	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4-Chloroaniline	ND	*	26000	6400	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4-Chlorophenyl phenyl ether	ND		26000	3200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4-Methylphenol	ND		50000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4-Nitroaniline	ND		50000	14000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
4-Nitrophenol	ND		50000	18000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Acenaphthene	ND		26000	3800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Acenaphthylene	ND		26000	3300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Acetophenone	ND		26000	3500	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20

Client Sample ID: KTZ-TP7-2

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-5

Matrix: Solid
Percent Solids: 91.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		26000	6400	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Atrazine	ND		26000	9000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Benzaldehyde	ND		26000	21000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Benzo[a]anthracene	ND		26000	2600	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Benzo[a]pyrene	ND		26000	3800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Benzo[b]fluoranthene	ND		26000	4100	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Benzo[g,h,i]perylene	ND		26000	2700	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Benzo[k]fluoranthene	ND		26000	3300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Biphenyl	ND		26000	3800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
bis (2-chloroisopropyl) ether	ND		26000	5200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Bis(2-chloroethoxy)methane	ND		26000	5500	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Bis(2-chloroethyl)ether	ND		26000	3300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Bis(2-ethylhexyl) phthalate	**50000**		26000	8800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Butyl benzyl phthalate	ND		26000	4300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Caprolactam	ND		26000	7800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Carbazole	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Chrysene	ND		26000	5800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Dibenz(a,h)anthracene	ND		26000	4600	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Dibenzofuran	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Diethyl phthalate	ND		26000	3300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Dimethyl phthalate	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Di-n-butyl phthalate	ND		26000	4400	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Di-n-octyl phthalate	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Fluoranthene	ND		26000	2700	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Fluorene	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Hexachlorobenzene	ND		26000	3500	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Hexachlorobutadiene	ND		26000	3800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Hexachlorocyclopentadiene	ND		26000	3500	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Hexachloroethane	ND		26000	3300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Indeno[1,2,3-cd]pyrene	**18000**	**J**	26000	3200	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Isophorone	ND		26000	5500	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Naphthalene	**4800**	**J**	26000	3300	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Nitrobenzene	ND		26000	2900	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
N-Nitrosodi-n-propylamine	ND		26000	4400	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
N-Nitrosodiphenylamine	ND		26000	21000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Pentachlorophenol	ND		50000	26000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Phenanthrene	ND		26000	3800	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Phenol	ND		26000	4000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20
Pyrene	ND		26000	3000	ug/Kg	☼	01/05/16 10:47	01/07/16 16:54	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*39 - 146*	*01/05/16 10:47*	*01/07/16 16:54*	*20*
2-Fluorobiphenyl	*64*		*37 - 120*	*01/05/16 10:47*	*01/07/16 16:54*	*20*
2-Fluorophenol (Surr)	*0*	*X*	*18 - 120*	*01/05/16 10:47*	*01/07/16 16:54*	*20*
Nitrobenzene-d5 (Surr)	*0*	*X*	*34 - 132*	*01/05/16 10:47*	*01/07/16 16:54*	*20*
Phenol-d5 (Surr)	*0*	*X*	*11 - 120*	*01/05/16 10:47*	*01/07/16 16:54*	*20*
p-Terphenyl-d14 (Surr)	*72*		*65 - 153*	*01/05/16 10:47*	*01/07/16 16:54*	*20*

Client Sample ID: KTZ-TP7-2

Lab Sample ID: 480-93426-5
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 91.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.41	0.080	mg/Kg	☼	01/05/16 10:50	01/06/16 17:41	2
PCB-1221	ND		0.41	0.080	mg/Kg	☼	01/05/16 10:50	01/06/16 17:41	2
PCB-1232	ND		0.41	0.080	mg/Kg	☼	01/05/16 10:50	01/06/16 17:41	2
PCB-1242	ND		0.41	0.080	mg/Kg	☼	01/05/16 10:50	01/06/16 17:41	2
PCB-1248	**1.2**		0.41	0.080	mg/Kg	☼	01/05/16 10:50	01/06/16 17:41	2
PCB-1254	ND		0.41	0.19	mg/Kg	☼	01/05/16 10:50	01/06/16 17:41	2
PCB-1260	**1.3**		0.41	0.19	mg/Kg	☼	01/05/16 10:50	01/06/16 17:41	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*60 - 154*	*01/05/16 10:50*	*01/06/16 17:41*	*2*
DCB Decachlorobiphenyl	*88*		*65 - 174*	*01/05/16 10:50*	*01/06/16 17:41*	*2*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17.3**		2.2	0.44	mg/Kg	☼	01/06/16 16:44	01/07/16 11:52	1
Barium	**284**		0.54	0.12	mg/Kg	☼	01/06/16 16:44	01/07/16 11:52	1
Cadmium	**18.6**		0.22	0.033	mg/Kg	☼	01/06/16 16:44	01/07/16 11:52	1
Chromium	**102**		0.54	0.22	mg/Kg	☼	01/06/16 16:44	01/07/16 11:52	1
Lead	**4540**		5.4	1.3	mg/Kg	☼	01/06/16 16:44	01/08/16 14:36	5
Selenium	**1.3**	**J**	4.4	0.44	mg/Kg	☼	01/06/16 16:44	01/07/16 11:52	1
Silver	**2.4**		0.65	0.22	mg/Kg	☼	01/06/16 16:44	01/07/16 11:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.28**		0.021	0.0087	mg/Kg	☼	01/07/16 09:55	01/07/16 15:29	1

Client Sample ID: KTZ-TP1-1.5

Lab Sample ID: 480-93426-6
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 31.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	1.4	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,1,2,2-Tetrachloroethane	ND		20	3.2	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,1,2-Trichloroethane	ND		20	2.6	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	4.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,1-Dichloroethane	ND		20	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,1-Dichloroethene	ND		20	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,2,4-Trichlorobenzene	ND		20	1.2	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,2-Dibromo-3-Chloropropane	ND		20	9.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,2-Dichlorobenzene	ND		20	1.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,2-Dichloroethane	ND		20	0.99	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,2-Dichloropropane	ND		20	9.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,3-Dichlorobenzene	ND		20	1.0	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,4-Dichlorobenzene	ND		20	2.8	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
2-Butanone (MEK)	ND		99	7.2	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
2-Hexanone	ND		99	9.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
4-Methyl-2-pentanone (MIBK)	ND		99	6.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Acetone	ND		99	17	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Benzene	ND		20	0.97	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1

Client Sample ID: KTZ-TP1-1.5

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-6

Matrix: Solid
Percent Solids: 31.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		20	2.6	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Bromoform	ND		20	9.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Bromomethane	ND		20	1.8	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Carbon disulfide	ND		20	9.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Carbon tetrachloride	ND		20	1.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Chlorobenzene	ND		20	2.6	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Dibromochloromethane	ND		20	2.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Chloroethane	ND		20	4.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Chloroform	ND		20	1.2	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Chloromethane	ND		20	1.2	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
cis-1,2-Dichloroethene	ND		20	2.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
cis-1,3-Dichloropropene	ND		20	2.8	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Cyclohexane	ND		20	2.8	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Dichlorodifluoromethane	ND		20	1.6	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Ethylbenzene	ND		20	1.4	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
1,2-Dibromoethane	ND		20	2.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Isopropylbenzene	ND		20	3.0	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Methyl acetate	ND		20	12	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Methyl tert-butyl ether	ND		20	1.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Methylcyclohexane	ND		20	3.0	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Methylene Chloride	ND		20	9.1	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Styrene	ND		20	0.99	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Tetrachloroethene	ND		20	2.6	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Toluene	ND		20	1.5	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
trans-1,2-Dichloroethene	ND		20	2.0	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
trans-1,3-Dichloropropene	ND		20	8.7	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Trichloroethene	ND		20	4.3	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Trichlorofluoromethane	ND		20	1.9	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Vinyl chloride	ND		20	2.4	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1
Xylenes, Total	**5.0**	**J**	39	3.3	ug/Kg	☼	01/05/16 10:00	01/05/16 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 125*	*01/05/16 10:00*	*01/05/16 16:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*01/05/16 10:00*	*01/05/16 16:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*	*01/05/16 10:00*	*01/05/16 16:49*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*01/05/16 10:00*	*01/05/16 16:49*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		2100	580	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2,4,6-Trichlorophenol	ND		2100	430	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2,4-Dichlorophenol	ND		2100	230	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2,4-Dimethylphenol	ND		2100	520	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2,4-Dinitrophenol	ND		21000	9900	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2,4-Dinitrotoluene	ND		2100	440	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2,6-Dinitrotoluene	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2-Chloronaphthalene	ND		2100	350	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2-Chlorophenol	ND		2100	390	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2-Methylnaphthalene	ND		2100	430	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2-Methylphenol	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4

Client Sample ID: KTZ-TP1-1.5
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-6
Matrix: Solid
Percent Solids: 31.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		4200	320	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
2-Nitrophenol	ND		2100	610	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
3,3'-Dichlorobenzidine	ND		4200	2500	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
3-Nitroaniline	ND	*	4200	590	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4,6-Dinitro-2-methylphenol	ND		4200	2100	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4-Bromophenyl phenyl ether	ND		2100	300	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4-Chloro-3-methylphenol	ND		2100	530	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4-Chloroaniline	ND	*	2100	530	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4-Chlorophenyl phenyl ether	ND		2100	270	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4-Methylphenol	ND		4200	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4-Nitroaniline	ND		4200	1100	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
4-Nitrophenol	ND		4200	1500	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Acenaphthene	ND		2100	320	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Acenaphthylene	ND		2100	280	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Acetophenone	ND		2100	290	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Anthracene	ND		2100	530	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Atrazine	ND		2100	750	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Benzaldehyde	ND		2100	1700	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Benzo[a]anthracene	ND		2100	210	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Benzo[a]pyrene	ND		2100	320	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Benzo[b]fluoranthene	ND		2100	340	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Benzo[g,h,i]perylene	ND		2100	230	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Benzo[k]fluoranthene	ND		2100	280	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Biphenyl	ND		2100	320	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
bis (2-chloroisopropyl) ether	ND		2100	430	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Bis(2-chloroethoxy)methane	ND		2100	450	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Bis(2-chloroethyl)ether	ND		2100	280	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Bis(2-ethylhexyl) phthalate	ND		2100	730	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Butyl benzyl phthalate	ND		2100	350	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Caprolactam	ND		2100	640	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Carbazole	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Chrysene	ND		2100	480	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Dibenz(a,h)anthracene	ND		2100	380	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Dibenzofuran	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Diethyl phthalate	ND		2100	280	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Dimethyl phthalate	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Di-n-butyl phthalate	ND		2100	370	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Di-n-octyl phthalate	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Fluoranthene	ND		2100	230	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Fluorene	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Hexachlorobenzene	ND		2100	290	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Hexachlorobutadiene	ND		2100	320	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Hexachlorocyclopentadiene	ND		2100	290	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Hexachloroethane	ND		2100	280	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Indeno[1,2,3-cd]pyrene	ND		2100	270	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Isophorone	ND		2100	450	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Naphthalene	ND		2100	280	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Nitrobenzene	ND		2100	240	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
N-Nitrosodi-n-propylamine	ND		2100	370	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4

Client Sample ID: KTZ-TP1-1.5

Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-6

Matrix: Solid
Percent Solids: 31.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		2100	1700	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Pentachlorophenol	ND		4200	2100	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Phenanthrene	ND		2100	320	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Phenol	ND		2100	330	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4
Pyrene	ND		2100	250	ug/Kg	☼	01/05/16 10:47	01/07/16 17:20	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*39 - 146*	*01/05/16 10:47*	*01/07/16 17:20*	*4*
2-Fluorobiphenyl	*66*		*37 - 120*	*01/05/16 10:47*	*01/07/16 17:20*	*4*
2-Fluorophenol (Surr)	*61*		*18 - 120*	*01/05/16 10:47*	*01/07/16 17:20*	*4*
Nitrobenzene-d5 (Surr)	*58*		*34 - 132*	*01/05/16 10:47*	*01/07/16 17:20*	*4*
Phenol-d5 (Surr)	*60*		*11 - 120*	*01/05/16 10:47*	*01/07/16 17:20*	*4*
p-Terphenyl-d14 (Surr)	*67*		*65 - 153*	*01/05/16 10:47*	*01/07/16 17:20*	*4*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.64	0.13	mg/Kg	☼	01/05/16 10:50	01/06/16 17:58	1
PCB-1221	ND		0.64	0.13	mg/Kg	☼	01/05/16 10:50	01/06/16 17:58	1
PCB-1232	ND		0.64	0.13	mg/Kg	☼	01/05/16 10:50	01/06/16 17:58	1
PCB-1242	ND		0.64	0.13	mg/Kg	☼	01/05/16 10:50	01/06/16 17:58	1
PCB-1248	ND		0.64	0.13	mg/Kg	☼	01/05/16 10:50	01/06/16 17:58	1
PCB-1254	ND		0.64	0.30	mg/Kg	☼	01/05/16 10:50	01/06/16 17:58	1
PCB-1260	ND		0.64	0.30	mg/Kg	☼	01/05/16 10:50	01/06/16 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*60 - 154*	*01/05/16 10:50*	*01/06/16 17:58*	*1*
DCB Decachlorobiphenyl	*92*		*65 - 174*	*01/05/16 10:50*	*01/06/16 17:58*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		6.3	1.3	mg/Kg	☼	01/06/16 16:44	01/07/16 11:56	1
Barium	**82.5**		1.6	0.35	mg/Kg	☼	01/06/16 16:44	01/07/16 11:56	1
Cadmium	**15.8**		0.63	0.095	mg/Kg	☼	01/06/16 16:44	01/07/16 11:56	1
Chromium	**326**		1.6	0.63	mg/Kg	☼	01/06/16 16:44	01/07/16 11:56	1
Lead	**307**		15.8	3.8	mg/Kg	☼	01/06/16 16:44	01/08/16 14:39	5
Selenium	ND		63.4	6.3	mg/Kg	☼	01/06/16 16:44	01/08/16 14:39	5
Silver	**7.6**		1.9	0.63	mg/Kg	☼	01/06/16 16:44	01/07/16 11:56	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.045**	**J**	0.064	0.026	mg/Kg	☼	01/07/16 09:55	01/07/16 15:35	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Client Sample ID: KTZ-TP6-3
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	282341	01/05/16 13:18	CMK	TAL BUF

Client Sample ID: KTZ-TP6-3
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-1
Matrix: Solid
Percent Solids: 64.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			282265	01/05/16 10:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	282263	01/05/16 14:40	CDC	TAL BUF
Total/NA	Prep	3550C			282280	01/05/16 10:47	TRG	TAL BUF
Total/NA	Analysis	8270D		1	282625	01/07/16 15:09	CAS	TAL BUF
Total/NA	Prep	3550C			282310	01/05/16 10:50	TRG	TAL BUF
Total/NA	Analysis	8082A		1	282519	01/06/16 16:29	JMO	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		1	282746	01/07/16 11:17	AMH	TAL BUF
Total/NA	Prep	7471B			282498	01/07/16 09:55	TAS	TAL BUF
Total/NA	Analysis	7471B		1	282767	01/07/16 15:15	JRK	TAL BUF

Client Sample ID: KTZ-TP6-1
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	282341	01/05/16 13:18	CMK	TAL BUF

Client Sample ID: KTZ-TP6-1
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-2
Matrix: Solid
Percent Solids: 62.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			282265	01/05/16 10:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	282263	01/05/16 15:05	CDC	TAL BUF
Total/NA	Prep	3550C			282280	01/05/16 10:47	TRG	TAL BUF
Total/NA	Analysis	8270D		1	282625	01/07/16 15:35	CAS	TAL BUF
Total/NA	Prep	3550C			282310	01/05/16 10:50	TRG	TAL BUF
Total/NA	Analysis	8082A		1	282519	01/06/16 16:47	JMO	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		5	282938	01/08/16 14:32	TRB	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		1	282746	01/07/16 11:42	AMH	TAL BUF
Total/NA	Prep	7471B			282498	01/07/16 09:55	TAS	TAL BUF
Total/NA	Analysis	7471B		1	282767	01/07/16 15:18	JRK	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Client Sample ID: KTZ-TP1-4

Lab Sample ID: 480-93426-3
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	282341	01/05/16 13:18	CMK	TAL BUF

Client Sample ID: KTZ-TP1-4

Lab Sample ID: 480-93426-3
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			282265	01/05/16 10:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	282263	01/05/16 15:31	CDC	TAL BUF
Total/NA	Prep	3550C			282280	01/05/16 10:47	TRG	TAL BUF
Total/NA	Analysis	8270D		1	282625	01/07/16 16:01	CAS	TAL BUF
Total/NA	Prep	3550C			282310	01/05/16 10:50	TRG	TAL BUF
Total/NA	Analysis	8082A		1	282519	01/06/16 17:05	JMO	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		1	282746	01/07/16 11:46	AMH	TAL BUF
Total/NA	Prep	7471B			282498	01/07/16 09:55	TAS	TAL BUF
Total/NA	Analysis	7471B		1	282767	01/07/16 15:25	JRK	TAL BUF

Client Sample ID: KTZ-TP7-4

Lab Sample ID: 480-93426-4
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	282341	01/05/16 13:18	CMK	TAL BUF

Client Sample ID: KTZ-TP7-4

Lab Sample ID: 480-93426-4
Date Collected: 01/04/16 00:00
Matrix: Solid
Date Received: 01/05/16 08:00
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			282590	01/05/16 10:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	282584	01/07/16 13:24	NMD1	TAL BUF
Total/NA	Prep	3550C			282280	01/05/16 10:47	TRG	TAL BUF
Total/NA	Analysis	8270D		1	282625	01/07/16 16:28	CAS	TAL BUF
Total/NA	Prep	3550C			282310	01/05/16 10:50	TRG	TAL BUF
Total/NA	Analysis	8082A		1	282519	01/06/16 17:23	JMO	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		1	282746	01/07/16 11:49	AMH	TAL BUF
Total/NA	Prep	7471B			282498	01/07/16 09:55	TAS	TAL BUF
Total/NA	Analysis	7471B		1	282767	01/07/16 15:27	JRK	TAL BUF

Client Sample ID: KTZ-TP7-2
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	282341	01/05/16 13:18	CMK	TAL BUF

Client Sample ID: KTZ-TP7-2
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-5
Matrix: Solid
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			282396	01/05/16 10:00	SWO	TAL BUF
Total/NA	Analysis	8260C		1	282428	01/06/16 16:10	GTG	TAL BUF
Total/NA	Prep	5035A	DL		282396	01/05/16 10:00	SWO	TAL BUF
Total/NA	Analysis	8260C	DL	5	282428	01/06/16 18:52	GTG	TAL BUF
Total/NA	Prep	3550C			282280	01/05/16 10:47	TRG	TAL BUF
Total/NA	Analysis	8270D		20	282625	01/07/16 16:54	CAS	TAL BUF
Total/NA	Prep	3550C			282310	01/05/16 10:50	TRG	TAL BUF
Total/NA	Analysis	8082A		2	282519	01/06/16 17:41	JMO	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		5	282938	01/08/16 14:36	TRB	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		1	282746	01/07/16 11:52	AMH	TAL BUF
Total/NA	Prep	7471B			282498	01/07/16 09:55	TAS	TAL BUF
Total/NA	Analysis	7471B		1	282767	01/07/16 15:29	JRK	TAL BUF

Client Sample ID: KTZ-TP1-1.5
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	282341	01/05/16 13:18	CMK	TAL BUF

Client Sample ID: KTZ-TP1-1.5
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-6
Matrix: Solid
Percent Solids: 31.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A			282265	01/05/16 10:00	CDC	TAL BUF
Total/NA	Analysis	8260C		1	282263	01/05/16 16:49	CDC	TAL BUF
Total/NA	Prep	3550C			282280	01/05/16 10:47	TRG	TAL BUF
Total/NA	Analysis	8270D		4	282625	01/07/16 17:20	CAS	TAL BUF
Total/NA	Prep	3550C			282310	01/05/16 10:50	TRG	TAL BUF
Total/NA	Analysis	8082A		1	282519	01/06/16 17:58	JMO	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF
Total/NA	Analysis	6010C		5	282938	01/08/16 14:39	TRB	TAL BUF
Total/NA	Prep	3050B			282438	01/06/16 16:44	CMM	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Client Sample ID: KTZ-TP1-1.5
Date Collected: 01/04/16 00:00
Date Received: 01/05/16 08:00

Lab Sample ID: 480-93426-6
Matrix: Solid
Percent Solids: 31.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		1	282746	01/07/16 11:56	AMH	TAL BUF
Total/NA	Prep	7471B			282498	01/07/16 09:55	TAS	TAL BUF
Total/NA	Analysis	7471B		1	282767	01/07/16 15:35	JRK	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Katzman Recycling #558035

TestAmerica Job ID: 480-93426-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-93426-1	KTZ-TP6-3	Solid	01/04/16 00:00	01/05/16 08:00
480-93426-2	KTZ-TP6-1	Solid	01/04/16 00:00	01/05/16 08:00
480-93426-3	KTZ-TP1-4	Solid	01/04/16 00:00	01/05/16 08:00
480-93426-4	KTZ-TP7-4	Solid	01/04/16 00:00	01/05/16 08:00
480-93426-5	KTZ-TP7-2	Solid	01/04/16 00:00	01/05/16 08:00
480-93426-6	KTZ-TP1-1.5	Solid	01/04/16 00:00	01/05/16 08:00

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL

480-93426 Chain of Custody

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
TRC	Jeff LaRock	1/4/16	296212
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page _____ of _____**
10 Maxwell Drive	(518) 275-9307		
City Clifton Park	**State** NY	**Zip Code**	**Site Contact**	**Lab Contact**
Project Name and Location (State)	**Carrier/Waybill Number**
Katzman	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8270	8260	RCRA 8 Metals	8082
KT2-TP6-3'	1/4/16					X							X	X	X	X
KT2-TP6-1'	1/4/16					X							X	X	X	X
KT2-TP1-4'	1/4/16					X							X	X	X	X
KT2-TP7-4'	1/4/16					X							X	X	X	X
KT2-TP7-2'	1/4/16					X							X	X	X	X
KT2-TP1-1.5	1/4/16					X							X	X	X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	1/4/16		1. Received By Cameron Wallace	1/5/16	0800
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

FF 3.0

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-93426-1

Login Number: 93426
List Number: 1
Creator: Wallace, Cameron

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	1/5/16 10:00
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	